

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Inventor(s): James Owen  
Appl. No.: 10/618,519  
Confirm. No.: 6588  
Filed: 07/11/2003  
Title: VIRTUAL REPOSITORY CONTENT MODEL

PATENT APPLICATION

Art Unit: 2166  
Examiner: Ali, Mohammad  
**Customer No. 23910**

CERTIFICATE OF TRANSMISSION/MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being electronically transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Guanyuo Cheng/

Guanyuo Cheng, Reg. No. 58,555

Signature Date: 2/27/07

(Attorney Signature)

**TRANSMITTAL LETTER RE INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §1.56**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application. MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

*Enclosed with this statement are the following:*

Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.

As allowed under 37 C.F.R. § 1.98(a)(2)(ii), no copies of the U.S. patents and U.S. patent application publications are enclosed, unless required by the office.

As allowed under 37 CFR §1.98(d), copies of cited documents noted with an asterisk are not enclosed because they were previously submitted in U.S. Patent Application No.       , which is relied on for an earlier effective filing date under 35 USC §120, and which included an Information Disclosure Statement that complies with 37 CFR §1.98(a) through (c).

A copy of an International Search Report dated \_\_\_\_\_ for Application No. \_\_\_\_\_.

— A copy of an International Preliminary Examination Report dated \_\_\_\_\_ for Application No. \_\_\_\_\_.

— If any of the cited/submitted documents is in a foreign language, a concise explanation of relevance is provided pursuant to 37 C.F.R. §1.98(a)(3)(i). For foreign language documents cited in a search report by a foreign patent office, the requirement for a concise explanation of relevance is satisfied by the submission herewith of an English language version of the search report. MPEP §609A(3). If a written English-language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in §1.56(c), a copy of the translation accompanies this statement, 37 C.F.R. §1.98(a)(3)(ii), and satisfies the requirement for a concise explanation of relevance, MPEP §609A(3).

*This statement should be considered because:*

—  37 C.F.R. §1.97(b). This statement qualifies under 37 C.F.R. §1.97, subsection (b) because:

- (1) It is being filed within three months of the filing date of an application other than a continued prosecution application under § 1.53(d);  
— OR —
- (2) It is being filed within 3 months of entry of a national stage;  
— OR —
- (3) It is being filed before the mailing date of the first Office Action on the merits,  
— OR —
- (4) It is being filed before the mailing date of the first Office Action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114.

— 37 C.F.R. §1.97(c). Although it may not qualify under subsection (b), this statement qualifies under 37 C.F.R. §1.97, subsection (c) because:

- (1) It is being filed before the mailing date of a FINAL Office Action, a Notice of Allowance, or an action that otherwise closes prosecution in the subject application, whichever occurs first.  
— AND (*check at least one of the following*) —
- (a) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(c).  
— OR —
- (b) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

- 37 C.F.R. §1.97(d). Although it may not qualify under subsection (b) or (c), this statement qualifies under 37 C.F.R. §1.97, subsection (d) because:
  - (1) It is being filed on or before payment of the Issue Fee;  
— AND —
  - (2) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e);  
— AND —
  - (3) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).
- ***PTA Statement under 37 C.F.R. §1.704(d).*** Each item of information contained in the *Information Disclosure Statement* was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the *Information Disclosure Statement*.
- **37 C.F.R. §1.97(e)(1).** THE UNDERSIGNED ATTORNEY HEREBY STATES THAT each item of information contained in this *Information Disclosure Statement* was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this *Information Disclosure Statement*; or
- **37 C.F.R. §1.97(e)(2).** THE UNDERSIGNED ATTORNEY HEREBY STATES THAT no item of information contained in this *Information Disclosure Statement* was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this statement after making reasonable inquiry, no item of information contained in this *Information Disclosure Statement* was known to any individual designated in §1.56(c) more than three months prior to the filing of this statement.
- Fee Authorization.*** The Commissioner is hereby authorized to charge any deficiencies or credit any overpayment to Deposit Account No. 06-1325.

Respectfully submitted,

FLIESLER MEYER LLP

Date: 02/27/07

By: /Guanyao Cheng/  
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Form PTO-1449  
(Substitute)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEInformation Disclosure Statement  
BY APPLICANT  
(Use several sheets if necessary)Attorney Docket Number  
BEAS-1361US0Application/Patent Number  
10618,519Applicant/Patent Owner  
James OwenFiling/Issue Date  
07/11/03Group Art Unit  
2166

## U.S. PATENTS

Examiner Initial	Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
	6,295,607	09/25/01	Johnson, Robert D.	726	17	04/06/1998
	6,584,454	06/24/03	Hummel et al.	705	59	12/31/1999
	5,867,667	02/02/99	Butman et al.	709	249	03/24/1997
	5,826,000	10/20/98	Hamilton, Graham	714	4	02/29/1996
	6,904,454	06/07/05	Stickler, Patrick	709	213	03/20/2002
	6,665,677	12/16/03	Wotring et al.	707	100	10/02/2000
	6,970,876	11/29/05	Hotti et al.	707	101	05/08/2001
	5,987,611	11/16/99	Freund, Gregor	726	4	05/06/1997
	7,062,490	06/13/06	Adya et al.	707	10	12/05/2001
	6,618,806	09/09/03	Brown et al.	713	186	07/06/99

## U.S. PATENT PUBLICATIONS

Examiner Initial	Patent Application Publication Number	Publication Date	Applicant
	2002/0059394	05/16/2002	Sanders, Mark
	2003/0140308	07/24/2003	Murthy et al.
	2002/0178119	11/28/2002	Griffin et al.

## PENDING U.S. PATENT APPLICATIONS

Examiner Initial	Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes   No

U.S. Patent Application No 10618,519  
Attorney Docket No.: BEAS-1361US0  
GCheng/BEAS/1361US0/1361US0.IDS.wpd  
Examiner Signature: \_\_\_\_\_

- 4 -

Date Considered: \_\_\_\_\_

104-001-011706  
02/27/07-09:34

Information Disclosure Statement  
BY APPLICANT  
(Use several sheets if necessary)Attorney Docket Number  
BEAS-01361US0Application/Patent Number  
10618,519Applicant/Patent Owner  
James Owen

Filing/Issue Date

01/11/03

Group Art Unit

2166

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Trans-lation Yes   No

## NON-PATENT LITERATURE DOCUMENTS

(Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, pages, volume-issue number(s), publisher, city and/ or country where published.)

CATLEY , CHRISTINA, et al., "Design of a Health Care Architecture fo Medical Data Interoperability and Application Integration," Proceedings of the Second Joint EMBS/BMES Conference, Houston, TX, USA, October 23-26, 2002, IEEE, Vol 3, pp. 1952-1953 (2002).

BROWNE et al., "Location-Independent Naming for Virtual Distributed Software Repositories," <http://portal.acm.org/dl.cfm>, ACM Symposium on Software Reusability, Seattle, WA, US, August 1995, Volume 20, Issue S1, Pages 179-185.

CANDAN, K. S. et al., "Enabling Dynamic Content Caching for Database-Driven Web Sites," Proceedings of the 2001 ACM SIGMOD International Conference on Management of Data, Santa Barbara, California, USA, May 21-24, 2001, Pages 532-543 (2001).

HOWES, T., "The String Representation of LDAP Search Filters," <ftp://ftp.rfc-editor.org/in-notes/rfc2254.txt>, The Internet Society, RFC 2254, 8 pages (December 1997).

Examiner

Date Considered

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*1 = Copy not submitted because it was submitted in prior application SN       , filed       , 20       , relied on under 35 USC §120.

\*\*2 = Copy not submitted because it was submitted in prior application SN       , filed       , 20       , relied on under 35 USC §120.